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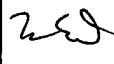
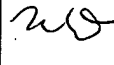





Application Number	10809773
Filing Date	2004-03-25
First Named Inventor	Zbigniew Zurecki, et al.
Art Unit	3744
Examiner Name	Doerfler, William Charles
Attorney Docket Number	06487 USA

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<i>rw</i>	1	3077802		1963-02-01	Philip	
<i>rw</i>	2	3979981		1976-09-01	Lightstone, et al.	
<i>rw</i>	3	4844047		1989-07-01	Brehm, et al.	
<i>rw</i>	4	6105374		2000-08-01	Kamody, Dennis J.	
<i>rw</i>	5	6652200		2003-11-01	Kraemer, Rolf H.	
<i>rw</i>	6	4083220		1978-04-11	Kobayashi, Massaru, et al.	
<i>rw</i>	7	3900975		1975-08-26	Lightstone, John Bernard, et al.	
<i>rw</i>	8	6874344		2005-04-05	Junius, Hans-Toni, et al.	

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	9	6564682		2003-05-20	Zurecki, Zbigniew, et al.	
	10	6513336		2003-02-04	Zurecki, Zbigniew, et al.	
	11	6675622		2004-01-13	Plicht, Guido, et al.	
	12	4829869		1989-05-16	Katada, Naota, et al.	
	13	6305183		2001-10-23	Mukai, Ryohei, et al.	
	14	5025547		1991-06-25	Sheu, Shen, et al.	
	15	4547470		1985-10-15	Tanase, et al.	
	16	5432132		1995-07-11	Dasgupta, et al.	
	17	5449647		1995-09-12	Brandt	
	18	5597272		1997-01-28	Moriguchi	
	19	6010283		2000-01-04	Henrich, et al.	

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20	6017172		2000-01-25	Ukegawa, et al.	
21	6202525		2001-03-01	Hendrickson, et al.	
22	4666665		1987-05-01	Hornsby, et al.	
23	6330818		2001-12-01	Jain, Sulekh Chand	
24	4788842		1988-12-01	Kopp, et al.	
25	3650337		1972-03-01	Andrews, et al.	
26	6360577		2002-03-01	Austin, Michael	
27	5761941		1988-06-01	Matsui, et al.	
28	4404827		1983-09-01	Van den Syne, Jaak S.	
29	6332385		2001-12-01	Kautto, et al.	
30	3751780		1973-08-01	Villalobos, Humberto Fernandez-Moran	

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20	31	2641047		1953-06-09	Jackman, George W., et al.	
20	32	3571877		1971-03-23	Zerkle, Ronald D.	
20	33	4848198		1989-07-18	Royal, Harold J., et al.	
20	34	5237894		1993-08-24	Lindeke, Richard R.	
20	35	5716974		1998-02-10	Camaggi, Giovanni, et al.	
20	36	5799553		1998-09-01	Samir, Billatos B.	
20	37	3889520		1975-06-01	Stoferle, et al.	
20	38	6053669		2000-04-01	Lagerberg, Stig	
20	39	6815362		2004-11-09	Wong, et al.	

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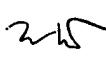



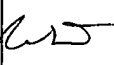
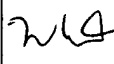




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	1	20070175255	A1	2007-08-02	H. Pawelski, et al.	
	2	20050016337		2005-01-27	Zurecki, Zbigniew, et al.	
	3	20050211029		2005-09-29	Zurecki, Zbigniew, et al.	
	4	20050011201		2005-01-20	Zurecki, Zbigniew, et al.	
	5	20040154443		2004-08-12	Zurecki, Zbigniew, et al.	
	6	20040237542		2004-12-02	Zurecki, Zbigniew, et al.	
	7	20040232258		2004-11-25	Cerv, Horst, et al.	
	8	20040234350	A1	2004-11-01	Jager, et al.	
	9	20020150496		2002-10-01	Chandrasekar, et al.	
	10	20020189413		2002-12-01	Zurecki, et al.	
	11	20040043626		2004-03-04	Chou San, et al.	

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mw	1	1580284	EP	A2	2005-09-28	Air Products and Chemicals, Inc.		<input type="checkbox"/>
mw	2	0842722	EP	A1	1998-05-20	Sandvik Aktiebolag		<input type="checkbox"/>
mw	3	92/16464	WO	A1	1992-10-01	AGA Aktiebolag		<input type="checkbox"/>
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mw	6	2724337	FR	A1	1996-03-15	Societe Industrielle, et al.		<input type="checkbox"/>
mw	7	200065291	JP	A1	2000-03-03	Kuroda Precision Industries, Ltd.		<input type="checkbox"/>
mw	8	2000296438	JP	A1	2000-10-24	Ebara Corporation		<input type="checkbox"/>
mw	9	2804492	FR	A1	2001-08-03	Carboxyque Francaise Societe		<input type="checkbox"/>

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ms	10	1637257	EP	A1	2006-03-22	Ghosh, Ranajit		<input type="checkbox"/>
hw	11	19600172	DE	A1	1997-08-14	Heinecke		<input type="checkbox"/>
ms	12	0945222	EP	A2	1999-09-29	Hashimoto		<input type="checkbox"/>
ms	13	328397	JP		1953-11-17	Thomas, Bruce, Philip		<input type="checkbox"/>
ms	14	6031502	JP	A1	1994-02-08	Sato Genichi		<input type="checkbox"/>
ms	15	11320328	JP	A1	1999-11-24	Ukai Hisashi		<input type="checkbox"/>
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ms	17	03/002277	WO	A1	2003-01-09	SMS Demag		<input type="checkbox"/>
ms	18	2005/120739	WO	A1	2005-12-22	SMS Demag		<input type="checkbox"/>
ms	19	0711663	EP	B1	1999-07-14	Ichinose, Shiro		<input type="checkbox"/>
ms	20	19730539	DE	C1	1999-04-08	Fraunhofer-Gesellschaft Zur Foerderung Der Angewan		<input type="checkbox"/>

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ms	21	98/10893	WO	A1	1998-03-19	FSI International, Inc.		<input type="checkbox"/>
ms	22	2000252079	JP		2000-09-14	Honda Motor Co. Ltd.		<input type="checkbox"/>
ms	23	2002059336	JP		2002-02-26	Mitsubishi Heavy Ind. Ltd		<input type="checkbox"/>
ms	24	09-300172	JP		1997-11-25	Matsushita Electric Ind. Co. Ltd.		<input type="checkbox"/>
ms	25	63-62637	JP		1988-12-02			<input type="checkbox"/>
ms	26	8-276564	JP		1996-10-22	Ichinose Shiro		<input type="checkbox"/>
ms	27	87102713	CN		1988-04-06			<input type="checkbox"/>

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ms	1	HONG, SHANE Y., et al., Micro-temperature Manipulation in Cryogenic Machining of Low Carbon Steel, Elsevier Journal of Materials Processing Technology 116 (2001) pgs. 22-30	<input type="checkbox"/>
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zw	1	09870853		2001-05-31	Zurecki, Zbigniew et al.	
zw	2	10066830		2002-02-04	Zurecki, Zbigniew et al.	
zw	3	09951195		2001-09-13	Zurecki, Zbigniew et al.	
	4	10809773 this app.		2004-03-25	Zurecki, Zbigniew et al.	
zw	5	11221718		2005-09-09	Ghosh, Ranajit, et al.	
zw	6	11250346		2005-10-14	Zurecki, Zbigniew et al.	
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